1:Nimuendajú E-5 (1941-1942) 1952
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since it will lose its strength if brought to a boil. If it thickens too much, water is added. The process is tedious and demands much attention. When the liquid has reached the desired thickness, after about ten days, some six or eight black beetles called "pu'a'vs," which feed on the fungus that grows on rotten wood, are sought in the clearing and are tossed alive into the liquid. These insects exude a fetid, yellow excretion. They are removed after about an hour, and the curare is then thickened with extreme care over a slow fire until the final consistency is that of a very dense honey, which grows even thicker upon cooling. The color is dark brown.

The mass is transferred to a small, globular pot (gu:'rẽ-če-[ṅ) especially made for this purpose, its mouth being covered with a banana leaf and securely tied. If the curare thickens too much with the passage of time, it is softened with a filtered infusion of pounded dyu'-ne leaves.

Fig. 6. Cross section of bow.

The production of curare is not at all a secret, although naturally each maker has his own individual technique. Although women and children are often present at this operation, they never take part in it beyond helping the husband bring home the raw materials or scraping the roots. Von Hassel's statement that "entre los Ticunas tienen las mujeres ... el oficio de fabricar el veneno" is inexact.[10] Sometimes they prepare a special little fire for this purpose at the edge of the clearing, but I have also seen them use the kitchen fire itself, the food being cooked to one side.

The efficacy of the Tukuna poison is discussed in the works of Barbosa Rodrigues and Santesson,[11] the latter dealing with the curare which I brought from Igarapé de São Jeronymo in 1929. I myself have seen it used in hunting monkeys. The effect on the wounded animal is to produce immediately incontinence of feces and urine, the creature falling in about three minutes.

Calixto daueru'kị told me that, while poisoning some darts for a hunt one day, he wounded himself very superficially in the hand. Immediately the action of the curare produced spasms of the facial muscles, pains, and incontinence of urine and feces. He cured himself by drinking his own urine, which the Tukuna consider the only remedy.

I was told of another Indian who went alone into the jungle to hunt with his blowgun. When he fired at some arboreal animal, the dart erred in its flight, ricocheted off a tree, and struck him in the back. Later, he was found dead in the jungle. It is because of such experiences that the Tukuna prefer not to go alone while hunting with curare.

For large game they do not use the blowgun, but the bow and arrow and lance. The bow (vẹra') is sometimes 2 m. long. Figure 6 shows it in cross section. The

[10] Hassel, Las tribus salvajes de la region Amazónica del Perú, Bol. Soc. Geog., 17:58.
[11] C. G. Santesson, Ein starkes Topf-Kurare von den Tucuna- (Ticuna-) Indianern des oberen Amazonas, Acta Medica Scandinavica, 75:1–9.